

NAME OF THE INVENTION

Electronic component assembly structures for circuit completion using magnetic connections.

ABSTRACT

Assembly structures are characterized to allow electronic components quick, safe, easy to modify (manipulate by hands without tools), and visually intuitive (topographic) three-dimensional construction of circuits. The assembly structure allows an electronic component lead to connect to a neodymium iron boron magnet within the structure and extend the connection to other assembly structures having the same through a chrome steel ball magnetically attracting both assembly structures. The assembly structures house electronic components such as a resistor, capacitor, variable capacitor, inductor, diode, transistor, transformer, integrated circuit, wired battery clips, and a wired earpiece.

CLAIMS

What I claim as my invention is:

- 1 Clear plastic assembly structures with fastened neodymium iron boron magnets, house and connect electronic components for ready three dimensional magnetic circuit construction.
- 2 The device of claim 1 wherein a clear plastic rod contains a two lead electronic component and connects the leads to neodymium iron boron magnets on both ends of the rod.
- 3 The device of claim 2 wherein the component is a wire connected to neodymium iron boron magnets on both ends of the rod.